

## PRIMARY FERMENTATION

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### YEAST NUTRIENTS

## Fermexcel

It is a regulator for fermentations. It is formulated to contain nutritional properties that stimulate the multiplication of yeast cells and ensures that the yeast is homogeneously distributed in the mass.

Fermexcel provides indispensable mineral elements, vitamins and amino acids which are needed for yeast development, growth and activity. The combination of nitrogen salts with long-fibre micronized cellulose, guarantees a regular fermentation run; this is further supported by the selective adsorption activity that Fermexcel has towards medium-chain fatty acids which are produced by yeast when under conditions of metabolic stress (decanoic and dodecanoic acids).

Sterols contained in the yeast hulls act as yeast survival factors, stimulating the production of long chain fatty acids and protecting the cellular membrane from the dissolving action of ethanol. Glucans and mannans released from the cellular walls of yeast hulls combine and help to adsorb toxic compounds that may be present during difficult ferments.

Fermexcel provides an increased level of readily assimilable nitrogen and by supplying the must with additional vitamins, sterols and microelements, it guarantees to increase yeast cell viability. Our ultimate aim being, the best possible fermentation run.

#### COMPOSITION

Di-ammonium phosphate, thiamine, enzymatically pre-treated yeast hulls and micronized cellulose.

#### PACKAGING

25kg Bags

#### DOSAGE

30 g h/L